

Application No. 10/694,433
Amendment and Response to First Office Action mailed June 25, 2004

A. AMENDMENTS TO THE SPECIFICATION

Please replace paragraph 31 of the specification with the following paragraph:

[031] Figure 3 illustrates one such individual die 300 having a single laser stripe 306 on grating 308. As shown, the grating 308 is a one-dimensional grating and is oriented at tilt angle θ , with respect to cleavage planes 302 and 304. The laser stripe 306 is oriented perpendicular to gratings 308. The laser stripes 306 can be, for example, ridge waveguides, buried heterostructures, or other laser stripes known to one of skill in the art. The laser stripes 306 form an angle of incidence of θ degrees with respect to a normal 314 to cleavage planes 302, 304 (which corresponds to $90-\theta$ degrees with respect to cleavage planes 302, 304). For example, if θ is 3 degrees, gratings 308 are tilted by 3 degrees with respect to cleavage plane 302 and laser stripes 306 are tilted at about 87 degrees with respect to cleavage plane 302 so that stripes 306 are approximately perpendicular to gratings 308.